S. Ruckage)

#12 FP 01:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/420,692A

DATE: 07/31/2001 TIME: 14:58:59

Input Set : A:\106101-197.txt

Output Set: N:\CRF3\07312001\1420692A.raw

## ENTERED

		•	
3	<110>	APPLICANT: Besterman, Jeffrey	
4		MacLeod, Robert	
5		Siders, William	
,	11202	TITLE OF INVENTION: Modulation of Gene Expression by Co	mbination Therapy
		FILE REFERENCE: 106101.197	
11	<140>	CURRENT APPLICATION NUMBER: 09/420,692A	
.12	<141>	CURRENT FILING DATE: 1999-10-19	
14	<150>	PRIOR APPLICATION NUMBER: US 60/104,804	
		PRIOR FILING DATE: 1998-10-19	
		NUMBER OF SEQ ID NOS: 90	
		SOFTWARE: PatentIn version 3.0	
		SEQ ID NO: 1	
22	<211>	LENGTH: 20	
23	<212>	TYPE: DNA	
24	<213>	ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: oligonucleotide	
		SEQUENCE: 1	
	_	tgagc accgttctcc	20
33	<210>	SEQ ID NO: 2	
34	<211>	LENGTH: 20	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: oligonucleotide	
41	<400>	SEQUENCE: 2	
42	ttcate	gtcag ccaaggccac	20
45	<210>	SEQ ID NO: 3	•
46	<211>	LENGTH: 20	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
			•
		FEATURE:	
		OTHER INFORMATION: oligonucleotide	
53	<400>	SEQUENCE: 3	
54	uuaato	rtaac ctaaggucaa	20
57	<210>	SEQ ID NO: 4	
		LENGTH: 20	
		TYPE: DNA	
			•
		ORGANISM: Artificial Sequence	
		FEATURE:	
63	<223>	OTHER INFORMATION: oligonucleotide	
65	<400>	SEQUENCE: 4	
		cagg accettquee	20
		SEQ ID NO: 5	20
		LENGTH: 20	
		TYPE: DNA	
12	<213>	ORGANISM: Artificial Sequence	



Input Set : A:\106101-197.txt

74 <220> FEATURE:	
74 <220> FEATURE: 75 <223> OTHER INFORMATION: oligonucleotide	
77 <400> SEQUENCE: 5	
78 gctgtctctt tccaaatctt	20
81 <210> SEQ ID NO: 6	20
82 <211> LENGTH: 20	
83 <212> TYPE: DNA	
84 <213> ORGANISM: Artificial Sequence	
86 <220> FEATURE:	
87 <223> OTHER INFORMATION: oligonucleotide	
89 <400> SEQUENCE: 6	
90 tttctgttaa gctgtctctt	· 20
93 <210> SEQ ID NO: 7	
94 <211> LENGTH: 20	
95 <212> TYPE: DNA	
96 <213> ORGANISM: Artificial Sequence	
98 <220> FEATURE:	
99 <223> OTHER INFORMATION: oligonucleotide	•
101 <400> SEQUENCE: 7	
102 ttctccttca cacattcctt	20
105 <210> SEQ ID NO: 8	
106 <211> LENGTH: 20	
107 <212> TYPE: DNA	
108 <213> ORGANISM: Artificial Sequence	
110 <220> FEATURE:	
111 <223> OTHER INFORMATION: oligonucleotide	
113 <400> SEQUENCE: 8	
114 cgtgcaagag attcaatttc	20
117 <210> SEQ ID NO: 9	
118 <211> LENGTH: 20	
119 <212> TYPE: DNA	
120 <213> ORGANISM: Artificial Sequence	
122 <220> FEATURE:	
123 <223> OTHER INFORMATION: oligonucleotide	
125 <400> SEQUENCE: 9	
126 aagtcacata actgattett	20
129 <210> SEQ ID NO: 10	
130 <211> LENGTH: 20	
131 <212> TYPE: DNA	
132 <213> ORGANISM: Artificial Sequence	
134 <220> FEATURE:	
135 <223> OTHER INFORMATION: oligonucleotide	
137 <400> SEQUENCE: 10	
138 ctcggataat tcttctttac	20
141 <210> SEQ ID NO: 11	
142 <211> LENGTH: 20	
143 <212> TYPE: DNA	
144 <213> ORGANISM: Artificial Sequence	
146 <220> FEATURE:	



Input Set : A:\106101-197.txt

	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 11	20
	ccaggtagcc ctcctcggat	20
	<210> SEQ ID NO: 12	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<pre>&lt;213&gt; ORGANISM: Artificial Sequence &lt;220&gt; FEATURE:</pre>	
	<pre>&lt;223&gt; OTHER INFORMATION: oligonucleotide</pre>	
	<400> SEQUENCE: 12	
	agggatttga ctttagccag	20
	<210> SEQ ID NO: 13	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 13	
	tccaaggaca aatctttatt	20
	<210> SEQ ID NO: 14	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 14	
	catgagcacc gttctccaag	20
	<210> SEQ ID NO: 15	
	<211> LENGTH: 20	
191	<212> TYPE: DNA	
192	<213> ORGANISM: Artificial Sequence	
194	<220> FEATURE:	
195	<223> OTHER INFORMATION: oligonucleotide	
197	<400> SEQUENCE: 15	
198	acgtccattc acttcccggt	20
201	<210> SEQ ID NO: 16	
202	<211> LENGTH: 20	
203	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 16	
	tcacttcttg cttgcttccc	20
	<210> SEQ ID NO: 17	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
219	<223> OTHER INFORMATION: oligonucleotide	



Input Set : A:\106101-197.txt

221	<400> SEQUENCE: 17	
222	gcttggttcc cgttttctag	20
225	<210> SEQ ID NO: 18	
226	<211> LENGTH: 20	
227	<212> TYPE: DNA	
228	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
231	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 18	
234	ctagacgtcc attcacttcc	20
237	<210> SEQ ID NO: 19	
238	<211> LENGTH: 20	
239	<212> TYPE: DNA	
240	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
243	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 19	
	actctacggg cttcacttct	20
	<210> SEQ ID NO: 20	
	<211> LENGTH: 20	
251	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 20	
	totgocatto coactotacg	20
	<210> SEQ ID NO: 21	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 21	
	catctgccat tcccactcta	20
	<210> SEQ ID NO: 22	- •
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 22	
	ggcatctgcc attcccactc	20
	<210> SEQ ID NO: 23	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 23	



Input Set : A:\106101-197.txt

	atcggacttg ctcctcctgg	20
297	<210> SEQ ID NO: 24	
298	<211> LENGTH: 20	
	<212> TYPE: DNA	
300	<213> ORGANISM: Artificial Sequence	
302	<220> FEATURE:	
303	<223> OTHER INFORMATION: oligonucleotide	
305	<400> SEQUENCE: 24	
306	ggtgacggga gggcagaact	20
309	<210> SEQ ID NO: 25	
310	<211> LENGTH: 20	
311	<212> TYPE: DNA	
312	<213> ORGANISM: Artificial Sequence	
314	<220> FEATURE:	
315	<223> OTHER INFORMATION: oligonucleotide	
317	<400> SEQUENCE: 25	
318	tgccagaaac aggggtgacg	20
321	<210> SEQ ID NO: 26	
322	<211> LENGTH: 20	
323	<212> TYPE: DNA	
324	<213> ORGANISM: Artificial Sequence	
326	<220> FEATURE:	
327	<223> OTHER INFORMATION: oligonucleotide	
329	<400> SEQUENCE: 26	
330	gtgcatgttg gggattcctg	20
	<210> SEQ ID NO: 27	
334	<211> LENGTH: 20	
335	<212> TYPE: DNA	
336	<213> ORGANISM: Artificial Sequence	
338	<220> FEATURE:	•
339	<223> OTHER INFORMATION: oligonucleotide	
341	<400> SEQUENCE: 27	
342	gtgaacggac agattgacat	20
345	<210> SEQ ID NO: 28	
346	<211> LENGTH: 20	
347	<212> TYPE: DNA	
348	<213> ORGANISM: Artificial Sequence	
350	<220> FEATURE:	
351	<223> OTHER INFORMATION: oligonucleotide	
353	<400> SEQUENCE: 28	
354	aggccacaaa caccatgtac	20
357	<210> SEQ ID NO: 29	
358	<211> LENGTH: 20	
359	<212> TYPE: DNA	
360	<213> ORGANISM: Artificial Sequence	
	<220> FEATURE:	
363	<223> OTHER INFORMATION: oligonucleotide	
	<400> SEQUENCE: 29	•
	cgaacctcac acaacagctt	20

VERIFICATION SUMMARY

DATE: 07/31/2001

PATENT APPLICATION: US/09/420,692A

TIME: 14:59:00

Input Set : A:\106101-197.txt